FEB 7 1991

I 53.17/2:990/7

BUREAU OF LAND MANAGEMENT MONTHLY ALERT

CONTENTS

BLM Library Denver, CO

July 1990

IN THIS ISSUE

- *Management Alert*
- *RECENT ADDITIONS Book List*

COMPLETED

About the MONTHLY ALERT ...

Forestry Topics

1. Forests and Forestry
General treatments of the subject; forestry and society; topical issues; education; agency annual reports.

2. Forest Operations
a. Silviculture: silvicultural systems; economics; stand improvement; measurement; operations management; natural and artifical regeneration, genetics.
b. Engineering: road construction; protective works; logging; equipment.

3. Forest Injury and Protection
Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.

4. Fire Management
All aspects, including presuppression, prevention education, behavior; fire weather.

5. Watershed Management, with Soil and Site Factors
Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

6. Range and Wildlife Management

7. Forest Recreation

8. Forest Products Research
Wood technology and utilization; markets and marketing; forest products industries.

Allied Topics

9. Life Sciences
Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.

10. Computer Science, Statistics and Mathematics

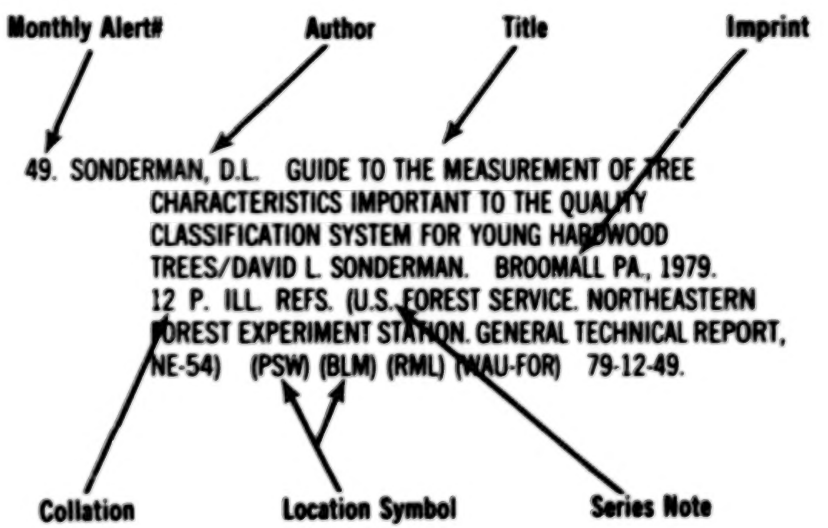
11. Social Sciences
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.

12. Other Topics

The citations listed in this **Alert** are arranged in broad topical categories. This permits browsing by subject interest.

The **Species Index** and the **Subject Index** on the following pages identify individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

Sample ***Monthly Alert*** Citation:


Monthly Alert#
Author
Title
Imprint
49. SONDERMAN, D.L. GUIDE TO THE MEASUREMENT OF TREE CHARACTERISTICS IMPORTANT TO THE QUALITY CLASSIFICATION SYSTEM FOR YOUNG HARDWOOD TREES/DAVID L. SONDERMAN. BROOMALL PA., 1979. 12 P. ILL. REFS. (U.S. FOREST SERVICE. NORTHEASTERN FOREST EXPERIMENT STATION. GENERAL TECHNICAL REPORT, NE-54) (PSW) (BLM) (RML) (WAU-FOR) 79-12-49.
Collation
Location Symbol
Series Note

About Bureau of Land Management *Monthly Alert*

Bureau of Land Management *Monthly Alert* announces recent publications significant to natural resources management and research. These publications are located and made available through an interagency agreement between BLM and the USFS Forest Information Network. Subject areas are generally limited to renewable resources and fire management.

Most items listed in each ***Monthly Alert*** are reprints of current journal articles or research papers. They are sent to you at your office without charge upon receipt of your order (see inside back cover). Books and other large documents will be loaned to you for a specific period of time. Those items available for loan only are identified by a • beside the item in the citation.

The ***Monthly Alert*** is available to all BLM employees. It is operated by the BLM Library, Service Center, Denver, Colorado. BLM employees are cautioned not to use ***Monthly Alert*** services from Forest Service Service Centers. The BLM Library now provides these services.

About the BLM Library

The BLM Library is located at the Service Center. It performs a full range of library services for all BLM personnel at no charge. It has computer-based literature searching capability for all subject areas. Literature searches may be requested on BLM Form 1279-2. The BLM Library has extensive reference and access to libraries of every government agency, universities, private institutions and foreign governments. If you have a need for library assistance that cannot be obtained locally, contact:

BLM Library
Service Center, SC-324A
Denver Federal Center
Denver, CO 80225

Monthly Alert	**Reference**
•FTS 776-6434	**•FTS 776-6649**
•Com (303) 236-6434	**•Com (303) 236-6649**

BLM-ALERT!

BLM's Management Alert section is available in this month's issue.

010. FORESTRY--GENERAL

2. Blockstein, D. E. Toward a federal plan for biological diversity. Journal of forestry; Vol. 88, no. 3 (Mar. 1990): p. 15-19.

4. Frome, M. Free speech and forestry. Defenders; Vol. 65, no. 1 (Jan./Feb. 1990): p. 8-9, 39-40.

5. Frome, M. The winds of reform. Defenders; Vol. 65, no. 2 (Mar./Apr. 1990): p. 8-9, 37.

8. Marigliano, L.; Fege, A. S.; Hurley, J. F. What is your wilderness philosophy? : and how did you prepare for the work you now do? Women in natural resources; Vol. 11, no. 3 (Mar. 1990): p. 4-7.

9. Miles, B. R. How will the environmental movement affect future timber management? Forest farmer; Vol. 48, no. 9 (July/Aug. 1989): p. 18-22.

11. Newton, S. Unified effort needed on future issues. Forest farmer; Vol. 48, no. 9 (July/Aug. 1989): p. 16-17.

15. Wood, G. W. The art & science of wildlife (land) management. Journal of forestry; Vol. 88, no. 3 (Mar. 1990): p. 8-12.

012. FORESTRY--METHODOLOGY

16. Bunnell, F. L.; Vales, D. J. Comparison of methods for estimating forest overstory cover : differences among techniques. Canadian journal of forest research; Vol. 20, no. 1 (Jan. 1990): p. 101-107.

17. Couch, D. How to choose a GIS. Silviculture; Vol. 5, no. 1 (Jan./Feb. 1990): p. 14-15.

18. Ferrell, G. T. Ten-year risk-rating systems for California red fir and white fir : development and use. Berkeley, Calif: Pacific Southwest Forest and Range Experiment Station; 1989: 12 p. (General technical report PSW; v. 115).

19. Jones, J. G.; Meacham, M. L. AUTOADJ : a computer program for entering constraints for polygons in IRAS and IRPM. Ogden, Utah: U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station; 1990: 3 p. (Research note INT; v. 391).

21. McGaughey, R. J.; Twito, R. H. VISUAL and SLOPE : perspective and quantitative representation of digital terrain models. Portland, Or: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station; 1988: 26 p. (General technical report PNW; v. GTR-214).

22. Olson, S. Making GIS work. Silviculture; Vol. 5, no. 1 (Jan./Feb. 1990): p. 13.

23. Smith, J. B.; Weber, S. Contemporaneous externalities, rational expectations, and equilibrium production functions in natural resource models. Journal of environmental economics and management; Vol. 17, no. 2 (Sept. 1989): p. 155-170.

24. Thomas, R. B. Piecewise SALT sampling for estimating suspended sediment yields. Berkeley, Calif: Pacific Southwest Forest and Range Experiment Station; 1989: ii, 11 p. (General technical report PSW; v. 114).

020. FOREST ECONOMICS

25. Boves, M. D.; Krutilla, J. V. Socially optimal forestry : a comment. Journal of environmental economics and management; Vol. 17, no. 3 (Nov. 1989): p. 309-310.

27. Crabbe, P. J.; Long, N. V. Optimal forest rotation under monopoly and competition. Journal of environmental economics and management; Vol. 17, no. 1 (July 1989): p. 54-65.

32. Gray, S. J.; Price, C. Urgency index ratios : a simple tool for forest management. Forestry; Vol. 63, no. 2 (1990): p. [161]-175.

33. Hellsten, M. Reply to comment on Socially optimal forestry. Journal of environmental economics and management; Vol. 17, no. 3 (Nov. 1989): p. 311-312.

34. Hellsten, M. Socially optimal forestry. Journal of environmental economics and management; Vol. 15, no. 4 (Dec. 1988): p. 387-394.

35. Hyde, P. A. Spotted owl controversy adds to Pacific Northwest timber crunch. Pulp and paper; Vol. 63, no. 8 (Aug. 1989): p. 98-101.

38. Milliman, S. R.; Prince, R. Firm incentives to promote technological change in pollution control. Journal of environmental economics and management; Vol. 17, no. 3 (Nov. 1989): p. 247-265.

39. Olsen, E. D. Extending strategies for optimal bucking to harvesting and site preparation. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 12-15.

43. Snyder, D. L.; Bhattacharyya, R. N. A more general dynamic economic model of the optimal rotation of multiple-use forests. Journal of environmental economics and management; Vol. 18, no. 2 (Mar. 1990): p. 168-175.

49. Hoffman, B. How to improve logging profits : road spacin . Northern logger and timber processor; Vol. 37, no. 11 (May 1989): p. 22-23.

51. Bonham, C. D. Measurements for terrestrial vegetation. New York: Wiley; c1989: x, 338 p.

52. Bull, E. L.; Holthausen, R. S.; Marx, D. B. How to determine snag density. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 56-58.

53. Clendenen, G. W. Effects of the tarif number/diameter relationship on volume and height estimates. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 9-12.

54. Cook, E. A.; Iverson, L. R.; Graham, R. L. Estimating forest productivity with Thematic Mapper and biogeographical data. Remote sensing of environment; Vol. 28 (Apr./June 1989): p. 131-141.

57. Dozier, J. Spectral signature of alpine snow cover from the Landsat Thematic Mapper. Remote sensing of environment; Vol. 28 (Apr./June 1989): p. 9-22.

58. Elvidge, C. D.; Vogelmann, J. E.; Fox, C. A. Comparisons of aircraft and satellite sensors for monitoring air pollution effects on forests. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 337-349. (Transactions (Air & Waste Management Association) ; no. 16).

59. Graybill, D. A.; Rose, M. R. Analysis of growth trends and variation in conifers from Arizona and New Mexio. Effects of air pollution on western forests. Pittsbugh, Pa. : Air & Waste Management Association, c1989: p. 395-407. (Transactions (Air & Waste Management Association) ; no. 16).

63. Leavitt, S. W.; Long, A. Drought indicated in carbon-13/ carbon-12 ratios of southwestern tree rings. Water resources bulletin; Vol. 25, no. 2 (Apr. 1989): p. 341-347.

64. Maguire, D. A.; Hann, D. W. Bark thickness and bark volume in southwestern Oregon Douglas-fir. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 5-8.

67. Pukkala, T. A method for incorporating the within-stand variation into forest management planning. Scandinavian journal of forest research; Vol. 5, no. 2 (1990): p. [263]-275.

68. Reiners, W. A. Estimating biogeochemical fluxes across sagebrush-steppe landscapes with Thematic Mapper imagery. Remote sensing of environment; Vol. 28, (Apr./June 1989): p. 121-129.

69. Riitters, K. H. A comparison of chronologies from tree rings. Canadian journal of forest research; Vol. 20, no. 1 (Jan. 1990): p. 76-83.

71. Thomson, A. J.; Alfaro, R. I. A method to calculate yield-correction factors for the overstory component of budworm-attacked Douglas fir. Forest ecology and management; Vol. 31, no. 4 (Apr. 1990): p. 255-267.

72. Tueller, P. T.; Oleson, S. G. Diurnal radiance and shadow fluctuations in a cold desert shrub plant community. Remote sensing of environment; Vol. 29, no. 1 (July 1989): p. 1-13.

73. Van Pelt, N. S.; Swetnam, T. W. Conservation and stewardship of tree-ring resources : living trees and subfossil wood. Natural areas journal; Vol. 10, no. 1 (Jan. 1990): p. 19-27.

051. ARTIFICIAL REGENERATION

79. Burgess, D.; Hendrickson, O. Q.; Roy, L. The importance of initial cutting size for improving the growth performance of Salix alba L. Scandinavian journal of forest research; Vol. 5, no. 2 (1990): p. [215]-224.

82. Deans, J. D. The Influence of dessication, rough handling and cold storage on the quality and establishment of Sitka spruce planting stock. Forestry; Vol. 63, no. 2 (1990): p. [129]-141.

85. El-Sharkawi, H. M.; Farghali, K. A.; Sayed, S. A. Interactive effects of water stress, temperature and nutrients in the seed germination of three desert plants . Journal of arid environments; Vol. 17, no. 3 (Nov. 1989): p. [307]-317.

89. Oskarsson, U.; Ottosson, J. G. Plantation establishment success of Pinus contorta Dougl. ex Loud. and Larix sibirica (Munchh.) Ledeb. using various methods and stock. Scandinavian journal of forest research; Vol. 5, no. 2 (1990): p. [205]-214.

92. Owston, P. W.; Miller, R. G.; Rietveld, W. J.; McDonald, S. E. A quality-control system for improving conifer nursery stock. Tree planters' notes; Vol. 41, no. 1 (winter 1990): p. 3-7.

93. Ritchie, G. A. A rapid method for detecting cold injury in conifer seedling root systems. Canadian journal of forest research; Vol. 20, no. 1 (Jan. 1990): p. 26-30.

94. Seaby, D. A.; Selby, C. Enhanced seedling root development in eight conifer species induced by naphthalene acetic acid. Forestry; Vol. 63, no. 2 (1990): p. [197]-207.

97. Zasada, J. C.; Tappeiner, J. C.; Max, T. A. Viability of

bigleaf maple seeds after storage. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 52-55.

052. SILVICULTURAL METHODS

98. Allen, B. H.; Bartolome, J. W. Cattle grazing effects on understory cover and tree growth in mixed conifer clearcuts. Northwest science; Vol. 63, no. 5 (Nov. 1989): p. 214-220.

100. Doescher, P. S.; Tesch, S. D.; Drewien, W. E. Water relations and growth of conifer seedlings during three years of cattle grazing on a southwest Oregon plantation. Northwest science; Vol. 63, no. 5 (Nov. 1989): p. 232-240.

101. Fiddler, G. O.; Hart, D. R.; Fiddler, T. A.; McDonald, P. M. Thinning decreases mortality and increases growth of ponderosa pine in northeastern California. Berkeley, Calif: Pacific Southwest Forest and Range Experiment Station; 1989: ii, 7 p. (Research paper PSW; v. 194).

106. Leininger, W. C.; Sharrow, S. H.; Rhodes, B. D. Sheep production in coastal Oregon Douglas-fir plantations. Northwest science; Vol. 63, no. 5 (Nov. 1989): p. 195-200.

107. Lilieholm, R. J. Effects of single tree selection harvests on stand structure, species composition, and understory tree growth in a Sierra mixed conifer forest. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 43-47.

108. Lilieholm, R. J.; Teeguarden, D. E.; Gordon, D. T. Thinning stagnated ponderosa and Jeffrey pine stands in northeastern California : 30-year effects. Berkeley, Calif: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station; 1989: 1 folded sheet (6 p.). (Research note PSW; v. 407).

110. McDonald, P. M.; Fiddler, G. O.; Tucker, R. A.; Colaninno, A. Manual release in an "old" Douglas-fir plantation increases diameter growth. Berkeley, Calif: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station; 1989: 3 p. (Research note PSW; v. 405).

112. McNabb, D. H.; Hobbs, S. D. Shallow tillage fails to increase 5-year growth of ponderosa pine seedlings. Northwest science; Vol. 63, no. 5 (Nov. 1989): p. 241-245.

114. Minore, D.; Weatherly, H. G. Effects of site preparation on Douglas-fir seedling growth and survival. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 49-51.

115. O'Hara, K. L. Twenty-eight years of thinning at several intensities in a high-site Douglas-fir stand in western Washington. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 37-40.

060. GENETICS--PLANT BREEDING

124. Yanchuk, A. D.; Carlson, M. R.; Murphy, J. C. Ortet-ramet relationships of wood-specific gravity in lodgepole pine. Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 40-42.

070. PLANT SCIENCE

125. Mohlenbrock, R. H. Tom Miner Basin, Montana. Natural history; Vol. 98, no. 12 (Dec. 1989): p. 14-16.

071. SYSTEMATIC BOTANY

128. Axelrod, D. I. Ecologic differences have separated Pinus rerorata and P. muricata since the early Pleistocene. American journal of botany; Vol. 77, no. 3 (Mar. 1990): p. 289-294.

129. Green, A. E. Rare plants of Colorado. Estes Park, Colo: Colorado Native Plant Society; c1989: 73 p; ISBN: 0930487214.

130. Ricketson, J. M. Additions to the aquatic flora of Arizona. Journal of the Arizona-Nevada Academy of Science; Vol. 23, no. 1 (1989): p. [33]-34.

131. Schaack, C. G. Additions to Arizona flora-range extensions of noxious weeds, plant distribution records established by ADOT/USFS and the location for Arizona Lewisia rediviva Pursh. Journal of the Arizona-Nevada Academy of Science; Vol. 23, no. 1 (1989): p. 35-37.

073. PLANT PHYSIOLOGY

135. Doescher, P. S. Effects of nitrogen availability on growth and photosynthesis of Artemisia tridentata ssp. Wyomingensis . Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 9-19.

137. Hobbs, S. D. Seedling field performance : past, present, and future needs. Proceedings of the tenth North American Forest Biology Workshop : Vancouver, British Columbia, July 20-22, 1988. [Vancouver, B.C. : Faculty of Forestry, University of British Columbia, 1988]: p. 58-65.

139. Junttila, O.; Kaurin, A. Environmental control of cold acclimation in Salix pentandra. Scandinavian journal of forest research; Vol. 5, no. 2 (1990): p. [195]-204.

144. Richardson, C. J.; Di Giulio, R. T.; Tandy, N. E. Free-radical mediated processes as markers of air pollution stress in trees. Biologic markers of air-pollution stress and damage

in forests. Washington, D.C. : National Academy Press, 1989: p. 251-260.

074. ECOLOGY

154. Arno, S. F.; Hoff, R. J. Silvics of whitebark pine (Pinus albicaulis). Ogden, Utah: Intermountain Research Station; 1989: 11 p. (General technical report INT; v. 253).

157. Felker, P.; Meyer, J. M.; Gronski, S. J. Application of self-thinning in mesquite (Prosopis glandulosa var. glandulosa) to range management and lumber production. Forest ecology and management; Vol. 31, no. 4 (Apr. 1990): p. 225-232.

158. Harmon, M. E.; Ferrell, W. K.; Franklin, J. F. Effects on carbon storage of conversion of old-growth forests to young forests. Science; Vol. 247, no. 4943 (Feb. 9, 1990): p. 699-702.

159. Henderson, S.; Oslon, R. K.; Noss, R. F. Current and potential threats to biodiversity in forests of the lower Pacific Coast States. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 325-336. (Transactions (Air & Waste Management Association) ; no. 16).

161. Hughes, T. F.; Tappeiner, J. C.; Newton, M. Relationship of Pacific madrone sprout growth to productivity of Douglas-fir seedlings and understory vegetation. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 20-24.

164. Larsen, J. A. The northern forest border in Canada and Alaska : biotic communities and ecological relationships. New York: Springer-Verlag; c1989: xiii, 255 p. (Ecological studies; v. 70).

167. Rogers, G. F. Asymmetrical growth of the crowns of neighboring desert shrubs. Journal of arid environments; Vol. 17, no. 3 (Nov. 1989): p. [319]-326.

169. Scott, J. M. Preserving life on earth : we need a new approach. Journal of forestry; Vol. 88, no. 3 (Mar. 1990): p. 13-14.

080. PLANT INJURY--PEST CONTROL

171. Gabriel, C. J.; Cook, R. J. Biological control : the need for a new scientific framework. Bioscience; Vol. 40, no. 3 (Mar. 1990): p. 204-206.

173. Hochberg, M. E.; Hassell, M. P.; May, R. M. The dynamics of host-parasitoid-pathogen interactions. American naturalist; Vol. 135, no. 1 (Jan. 1990): p. [74]-[94].

174. Karban, R.; Brody, A. K.; Schnathorst, W. C. Crowding and a plant's ability to defend itself against herbivores and diseases. American naturalist; Vol. 134, no. 5 (Nov. 1989): p. [749]-760.

175. Page, B. G.; Thomson, W. T. The insecticide, herbicide, fungicide quick guide. 1989 revision ed. Fresno, Calif: Thomson Publications; c1989: 162 p.

081. MYCOLOGY--PATHOLOGY

177. Byler, J. W. Symptoms and diagnosis of annosus root disease in the Intermountain western United States. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosus) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 37-39. (General technical report PSW ; 116).

178. Chase, T. E. Genetics and population structure of Heterobasidion annosum with special reference to western North America. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 19-25. (General technical report PSW ; 116).

179. DeNitto, G. H. Characteristics of annosus root disease in the Pacific southwest. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 43-47. (General technical report PSW ; 116).

180. Edmonds, R. L. Impact of precommercial thinning on development of Heterobasidion annosum in western hemlock. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 85-94. (General technical report PSW ; 116).

181. Ferrell, G. T.; Parmeter, J. R. Interactions of root disease and bark beetles. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 105-108. (General technical report PSW ; 116).

183. Filip, G. M. A model for estimating current and future

timber volume loss from stem decay caused by Heterobasidion annosum and other fungi in stands of true fir. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 123-128. (General technical report PSW ; 116).

184. Goheen, E. M.; Goheen, D. J. Losses caused by annosus root disease in Pacific Northwest forests. Proceedings of the Symposium on Research and and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989. Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 66-69. (General technical report PSW ; 116).

185. Kliejunas, J. T. Borax stump treatment for control of annosus root disease in the eastside pine type forests of northeastern California. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest Range and Experiment Station, 1989: p. 159-166. (General technical report PSW ; 116).

186. Littke, W. R.; Browning, J. E. Heterobasidion (Fomes) annosum incidence in pre-commercially thinned coastal Washington western hemlock stands. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 57-65. (General technical report PSW ; 116).

188. Marosy, M.; Parmeter, J. R. The incidence and impact of Heterobasidion annosum on pine and incense-cedar in California forests. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 78-81. (General technical report PSW ; 116).

189. Morrison, D. J. Factors affecting infection of precommercial thinning stumps by Heterobasidion annosum in coastal British Columbia. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 95-100. (General technical report PSW ; 116).

190. Nesbitt, J. Forest-site planning and prescription for control of annosus root disease in ponderosa pine and mixed conifer stands. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 143-145. (General technical report PSW ; 116).

191. Otrosina, W. J.; Cobb, F. W. Biology, ecology, and epidemiology of Heterobasidion annosum. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 26-33. (General technical report PSW ; 116).

192. Otrosina, W. J.; Russell, K. W. A summary of information needs for the management of Heterobasidion annosum in coniferous forests in western United States. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 173-174. (General technical report PSW ; 116).

193. Otrosina, W. J.; Scharpf, R. F. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif: Pacific Southwest Forest and Range Experiment Station; 1989: v, 174 p. (General technical report PSW; v. 116).

194. Petersen, G. E. Prescribing control in mixed conifer stands affected by annosus root disease. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 146-149. (General technical report PSW ; 116).

196. Russell, K. W. Management strategies for annosus root disease in Pacific Northwest coastal western hemlock. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 153-158 p. 153-158. (General technical report PSW ; 116).

198. Schmitt, C. L. Diagnosis of annosus root disease in mixed conifer forests in the northwestern United States. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range

Experiment Station, 1989: p. 40-42. (General technical report PSW ; 116).

199. Shaw, C. G. Is Heterobasidion annosum poorly adapted to incite disease in cool, wet environments? Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 101-104. (General technical report PSW ; 116).

200. Shaw, C. G.; Goheen, D. J.; Eav, B. B. Simulation of impacts of annosus root disease with the Western Root Disease Model. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 129-139. (General technical report PSW ; 116).

201. Slaughter, G. W.; Parmeter, J. R. Annosus root disease in true firs in northern and central California national forests. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 70-77. (General technical report PSW ; 116).

202. Smith, R. S. History of Heterobasidion annosum in western United States. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 10-16. (General technical report PSW ; 116).

208. Williams, R. E. Distribution and impacts of annosus root disease in forests of the northern Rocky Mountains. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 51-56. (General technical report PSW ; 116).

209. Young, E. Management of westside Washington conifer stands infected with Heterobasidion annosum. Proceedings of the Symposium on Research and Management of Annosus Root Disease (Heterobasidion Annosum) in Western North America : April 18-21, 1989, Monterey, California. Berkeley, Calif. : Pacific Southwest Forest and Range Experiment Station, 1989: p. 150-152. (General technical report PSW ; 116).

082. INSECTS

214. Beyer, W. N.; Krynitsky, A. J. Long-term persistence of dieldrin, DDT, and heptachlor epoxide in earthworms. Ambio; Vol. 18, no. 5 (1989): p. 271-273.

216. Brown, L. Little bug that spells big trouble. Forest farmer; Vol. 48, no. 10 (Sept. 1989): p. 11-13.

220. Dreistadt, S. H.; Dahlsten, D. L.; Frankie, G. W. Urban forests and insect ecology. Bioscience; Vol. 40, no. 3 (Mar. 1990): p. 192-198.

234. Spangler, S. M.; MacMahon, J. A. Arthropod faunas of monocultures and polycultures in reseeded rangelands. Environmental entomology; Vol. 19, no. 2 (Apr. 1990): p. [244]-250.

083. WEED CONTROL

236. Hawksworth, F. G.; Geils, B. W. How long do mistletoe-infected ponderosa pines live? Western journal of applied forestry; Vol. 5, no. 2 (Apr. 1990): p. 47-48.

237. Mathiasen, R. L.; Edminster, C. B.; Hawksworth, F. G. Infection of young Douglas-firs by dwarf mistletoe in the Southwest. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 67-71.

238. Mathiasen, R. L.; Hawksworth, F. G. Distribution of limber pine dwarf mistletoe in Nevada. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 91-92.

239. Ness, T. New invention uproots woody plants. Restoration & management notes; Vol. 7, no. 2 (winter 1989): p. 77-78.

242. Roche, C. T.; Roche, B. F. Introductory notes on squarrose knapweed (Centaurea virgata Lam spp. squarrosa Gugl.). Northwest science; Vol. 63, no. 5 (Nov. 1989): p. 246-252.

084. ENVIRONMENTAL INJURY

247. Cline, S. P.; Burkman, W. G.; Geron, C. D. Use of quality control procedures for assessing variation in measurements of forest canopy condition. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 379-393. (Transactions (Air & Waste Management Association) ; no. 16).

249. Duriscoe, D. M.; Stolte, K. W. Photochemical oxidant injury to ponderosa pine (Pinus ponderosa Laws.) and Jeffrey pine (Pinus jeffreyi Grev. and Balf.) in the national parks of the Sierra Nevada of California. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management

Management Association, c1989: p. 261-278. (Transactions (Air & Waste Management Association) ; no. 16).

250. Hallberg, G. R. Pesticide pollution of groundwater in the humid United States. Agriculture, ecosystems and environment; Vol. 26, nos. 3/4 (Oct. 1989): p. 299-367.

251. Isleib, M. E. Of dead zones and the sound of silence. American birds; Vol. 43, no. 2 (summer 1989): p. [215]-217.

253. Miller, P. R.; Shilling, S. L.; Gomez, A. P. Trend of ozone damage to conifer forests between 1974 and 1988 in the San Bernardino Mountains of southern California. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 309-323. (Transactions (Air & Waste Management Association) ; no. 16).

254. Mitchell, B. A. Acid rain and birds : how much proof is needed? American birds; Vol. 43, no. 2 (summer 1989): p. 234-241.

255. Pedersen, B. S. Ozone injury to Jeffrey and ponderosa pines surrounding Lake Tahoe, California and Nevada. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 279-292. (Transactions (Air & Waste Management Association) ; no. 16).

256. Peterson, D. C.; Daly, C. Risks to California forests due to regional ozone pollution : a data base and ranking of forest sensitivity. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 247-260. (Transactions (Air & Waste Management Association) no. 16).

257. Peterson, D. L.; Arbaugh, M. J.; Robinson, L. J. Ozone injury and growth trends of ponderosa pine in the Sierra Nevada. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 293-307. (Transactions (Air & Waste Management Association) ; no. 16).

258. Senner, S. E. The Exxon Valdez oil spill : first impressions and commentary. American birds; Vol. 43, no. 2 (summer 1989): p. 218-220.

259. Ustin, S. L. Early detection of air pollution injury to coniferous forests using remote sensing. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 351-378. (Transactions (Air & Water Management Association) ; no. 16).

260. Yaron, B. General principles of pesticide movement to groundwater . Agriculture, ecosystems and environment; Vol. 26, nos. 3/4 (Oct. 1989): p. 275-297.

090. FOREST FIRES

262. Bednar, L. F.; Mees, R. M.; Strauss, D. Fire suppression effectiveness for simultaneous fires : an examination of fire histories. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 16-19.

263. Blakely, A. D. Combustion recovery of flaming pine needle fuel beds sprayed with water/MAP mixtures. Ogden, Utah: Intermountain Research Station; 1990: 15 p. (Research paper INT; v. 421).

265. Smith, M. C.; Haines, D. A.; Main, W. A. Growth of buoyancy-induced longitudinal vortex pairs in a laminar flow. International journal of heat and mass transfer; Vol. 32, no. 10 (1989): p. 1879-1885.

100. PHYSICAL ENVIRONMENT

266. McCloskey, J. M.; Spalding, H. A reconnaissance-level inventory of the amount of wilderness remaining in the world. Ambio; Vol. 18, no. 4 (1989): p. 221-227.

267. Stathers, R. J. Ecological principles : basic concepts. Regenerating British Columbia's forests. Vancouver : University of British Columbia Press, 1990: p. [45]-54.

101. FOREST SOILS

268. Dormaar, J. F.; Smoliak, S.; Willms, W. D. Soil chemical properties during succession from abandoned cropland to native range. Journal of range management; Vol. 43, no. 3 (May 1990): p. 260-265.

269. Howard, P. J. A.; Howard, D. M. Titratable acids and bases in tree and shrub leaf litters. Forestry; Vol. 63, no. 2 (1990): p. [177]-186.

270. Huntington, T. G. Carbon, organic matter, and bulk density relationships in a forested spodosol. Soil science; Vol. 148, no. 5 (Nov. 1989): p. 380-386.

271. Jacobs, L. W. Selenium in agriculture and the environment : proceedings of a symposium. Madison, Wis: American Society of Agronomy Soil Science Society of America; 1989: xiii, 233 p. (SSSA special publication; v. 23).

273. Pape, T.; Breemen, N. van; Oeveren, H. van. Calcium cycling in an oak-birch woodland on soils of varying CaCO3 content. Plant and soil; Vol. 120, no. 2 (Dec. 1989): p. 253-261.

274. Sawhney, B. L.; Brown, K. W. Reactions and movement of organic chemicals in soils. Madison, Wis: Soil Science Society of America; 1989: xvii, 474 p. (SSSA special

publication; v. 22).

276. Smeck, N. E.; Ciolkosz, E. J. Fragipans : their occurence, classification, and genesis : proceedings of a symposium. Madison, Wis: Soil Science Society of America; 1989: xvii, 153 p. (SSSA special publication; v. 24).

102. HYDROLOGY

277. Bowmaster, J. What's a wetland worth? Missouri conservationist; Vol. 49, no. 8 (Aug. 1988): p. 8-10.

278. Brandow, C. A.; Azuma, D. L. Toward correlating California's wilderness snow sensors . Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 136-147.

279. Collins, B. Can cutting trees squeeze more water out of Arizona? High country news; Vol. 22, no. 6 (Mar. 26, 1990): p. 4.

281. Marks, D.; McGurk, B. J.; Berg, N. H. Snow volume comparisons for atmospheric deposition monitoring. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 124-135.

282. Mastrantonio, J. L. Analyzing the chemistry of snow and ice. Forestry research west; (Apr. 1990): p. 4-7.

283. McGurk, B. J.; Azuma, D. L.; Kattelmann, R. Density of new snow in the central Sierra Nevada. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 158-161.

284. Potts, D. F.; Anderson, B. K. M. Organic debris and the management of small stream channels. Western journal of applied forestry; Vol. 5, no. 1 (Jan. 1990): p. 25-28.

285. Smith, W. Sustainable use for water in the 21st century. Ambio; Vol. 18, no. 5 (1989): p. 294-295.

286. Swanson, R. H. The effect of in situ evaporation on perceived snow distribution in partially clear-cut forests. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 87-92.

287. Tabler, R. D. Estimating dates of the snow accumulation season. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 35-42.

288. Tesche, T. W. Numerical simulation of snow transport, deposition, and redistribution. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 93-104.

289. Troendle, C. A.; Schmidt, R. A.; Martinez, M. H. Snow deposition processes in a forest stand with a clearing. Proceedings of the Western Snow Coference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 78-86.

290. Ward, T. J.; Bolin, S. B. A study of rainfall simulators, runoff and erosion processes, and nutrient yields on selected sites in Arizona and New Mexico. Las Cruces, N.M: New Mexico Water Resources Research Institute; 1989: xi, 68 leaves. (WRRI report; v. no. 241).

103. GEOLOGY--MINERAL RESOURCES

291. Gwynn, J. W. The saline resources of Utah. Survey notes; Vol. 23, no. 3 (fall 1989): p. 22-31.

292. Tripp, B. T.; Hayes, B. H. Zeolite occurrences of Utah. Survey notes; Vol. 23, no. 3 (fall 1989): p. 2-13.

104. CLIMATOLOGY--METEOROLOGY

293. Basabe, F. A. Fog and cloudwater chemistry in western Washington. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 33-49. (Transactions (Air & Waste Management Association) ; no. 16).

294. Bicknell, S. H. Fog and rain chemistry in northern California. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 147-167. (Transactions (Air & Waste Management Association) ; no. 16).

296. Bohm, M. A regional characterization of air quality and deposition in the coniferous forests of the western United States. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 221-244. (Transactions (Air & Waste Management Association) ; no. 16).

298. Fritsche, U.; Gernert, M.; Schindler, C. Vertical profiles of air pollutants in a spruce forest : analysis of adherent water, throughfall and deposits on surrogate surfaces. Atmospheric environment; Vol. 23, no. 8 (1989): p. 1807-1814.

299. Gutknecht, K. W. Will Utah wither? : the uncertain prognosis for precipitation. Utah science; Vol. 50, no. 4 (winter 1989): p. [134]-[137].

300. Hanson, P. J. NO2 deposition to elements representative of a forest landscape. Atmospheric environment; Vol. 23, no. 8 (1989): p. 1783-1794.

301. Jairell, R. L.; Schmidt, R. A. Portable animal protection shelter and wind screen. Proceedings of the Western Snow Conference : Kalispell, Montana, April 19-21, 1988 : fifty-sixth annual meeting. Fort Collins, Colo. : Colorado State University, [1988]: p. 170-173.

302. Locke, W. W. Late Pleistocene glaciers and the climate of western Montana, U.S.A. Arctic and alpine research; Vol. 22, no. 1 (Feb. 1990): p. 1-13.

303. Miller, D. F.; Borys, R. D.; Grav, R. Chemistry of summer cloud, precipitation and air at a Rocky Mountain-top location. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 105-115. (Transactions (Air & Waste Management Association) ; no. 16).

305. Muir, P. S.; Bohm, M. Cloud chemistry and occurrence in the western United States : a synopsis of current information. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 73-101. (Transactions (Air & Waste Management Association) ; no. 16).

306. Olson, R. K.; Lefohn, A. S. Effects of air pollution on western forests. Pittsburgh, Pa: Air & Waste Management Association; c1989: ix, 577 p. (Transactions (Air & Waste Management Association) ; no. 16).

308. Reifsnyder, W. E. A tale of ten fallacies : the skeptical enquirer's view of the carbon dioxide/climate controversy. Agricultural and forest meteorology; Vol. 47, nos. 2/4 (Sept. 1989): p. 349-371.

309. Schuepp, P. H. Microstructure, density and wetness effects on dry deposition to foliage. Agricultural and forest meteorology; Vol. 47, nos. 2/4 (Sept. 1989): p. 178-198.

310. Shaw, R. H.; Paw U, K. T.; Gao, W. Detection of temperature ramps and flow structures at a deciduous forest site. Agricultural and forest meteorology; Vol. 47, nos. 2/4 (Sept. 1989): p. 123-138.

311. Sievering, H.; Braus, J.; Caine, J. Dry deposition of nitrate and sulfate to coniferous canopies in the Rocky Mountains. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 171-176. (Transactions (Air & Waste Management Association) ; no. 16).

312. Unsworth, M. H.; Wilshaw, J. C. Wet, occult and dry deposition of pollutants on forests. Agricultural and forest meteorology; Vol. 47, nos. 2/4 (Sept. 1989): p. 221-238.

313. Vong, R. J. Background concentration of sulfate in precipitation along the West Coast of North America. Effects of air pollution on western forests. Pittsburgh, Pa. : Air & Waste Management Association, c1989: p. 117-135. (Transactions (Air & Waste Management Association) ; no. 16).

110. ANIMAL SCIENCE

315. Slowinski, J. B.; Guyer, C. Testing the stochasticity of patterns of organismal diversity : an improved null model. American naturalist; Vol. 134, no. 6 (Dec. 1989): p. [907]-921.

316. Wagner, G. F. Great spotted woodpecker at Attu Island, Alaska : first record for the Near Islands and for North America . American birds; Vol. 43, no. 2 (summer 1989): p. 254-257.

112. TERRESTRIAL ANIMALS

317. Baltosser, W. H. Costa's hummingbird : its distribution and status. Western birds; Vol. 20, no. 2 (1989): p. 41-62.

318. Barnes, T. G. Macro and trace mineral content of selected south Texas deer forages. Journal of range management; Vol. 43, no. 3 (May 1990): p. 220-223.

319. Boos, J. D.; Nudds, T. D.; Sjoberg, K. Posthatch brood amalgamation by mallards. Wilson bulletin; Vol. 101, no. 3 (Sept. 1989): p. 503-505.

320. Elliott, C. L.; Guetig, R. Summer food habits of coyotes in Idaho's River of No Return Wilderness Area. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 63-65.

321. England, A. S.; Laudenslayer, W. F. Distribution and seasonal movements of Bendire's thrasher in California. Western birds; Vol. 20, no. 3 (1989): p. 97-123.

322. Fauth, J. E.; Crother, B. I.; Slowinski, J. B. Elevational patterns of species richness, evenness, and abundance of the Costa Rican leaf-litter herpetofauna. Biotropica; Vol. 21, no. 2 (1989): p. 178-185.

323. Glenn, J. L.; Straight, R. C.; Sites, J. W. A plasma protein marker for population genetic studies of the desert tortoise (Xerobates agassizi). Great Basin naturalist; Vol. 50, no. 1

(Mar. 1990): p. 1-8.

324. Hansson, L. The lemming phenomenon. Natural history; Vol. 98, no. 12 (Dec. 1989): p. [38]-[43].

325. Jakubas, W. J.; Gullion, G. W. Coniferyl benzoate in quaking aspen : a ruffed grouse feeding deterrent. Journal of chemical ecology; Vol. 16, no. 4 (Apr. 1990): p. 1077-1087.

326. Jimenez, J. E.; Jaksic, F. M. Biology of the austral pygmy-owl. Wilson bulletin; Vol. 101, no. 3 (Sept. 1989): p. 377-389.

327. McInnis, M. L.; Larson, L. L.; Vavra, M. Classifying herbivore diets using hierarchical cluster analysis. Journal of range management; Vol. 43, no. 3 (May 1990): p. 271-274.

328. Mech, L. D.; Nelson, M. E. Polygyny in a wild wolf pack. Journal of mammalogy; Vol. 70, no. 3 (Aug. 1989): p. 675-676.

329. Mueller, H. C. The evolution of reversed sexual dimorphism in owls : corrections and further analyses. Wilson bulletin; Vol. 101, no. 3 (Sept. 1989): p. 486-491.

330. Nelson, M. L. Ash-free indigestible acid detergent fiber as an internal marker to estimate digestibility with grazing ruminants. Journal of range management; Vol. 43, no. 3 (May 1990): p. 224-229.

331. Riggs, R. A.; Urness, P. J.; Gonzalez, K. A. Effects of domestic goats on deer wintering in Utah oakbrush. Journal of range management; Vol. 43, no. 3 (May 1990): p. 229-234.

332. Sanson, D. W. Relationship between phosphorus intake and blood or fecal phosphorus in gestating cows. Journal of range management; Vol. 43, no. 3 (May 1990): p. 238-241.

333. Sobkowiak, S.; Titman, R. D. Bald eagles killing American coots and stealing coot carcasses from greater black-backed gulls. Wilson bulletin; Vol. 101, no. 3 (Sept. 1989): p. 494-496.

334. Taylor, D. M.; Trost, C. H.; Jamison, B. The biology of the white-faced ibis in Idaho. Western birds; Vol. 20, no. 3 (1989): p. 125-133.

335. Temple, S. A.; Wiens, J. A. Bird populations and environmental changes : can birds be bio-indicators? American birds; Vol. 43, no. 2 (summer 1989): p. 260-270.

113. AQUATIC ANIMALS

336. Brannon, E. L.; Quinn, T. P. Field test of the pheromone hypothesis for homing by Pacific salmon. Journal of chemical ecology; Vol. 16, no. 2 (Feb. 1990): p. 603-609.

337. Harte, J.; Hoffman, E. Possible effects of acidic deposition on a Rocky Mountain population of the tiger salamander Ambystoma tigrinum. Conservation biology; Vol. 3, no. 2 (June 1989): p. 149-158.

338. Kondolf, G. M. Spawning gravels of rainbow trout in Glen and Grand Canyons, Arizona. Journal of the Arizona-Nevada Academy of Science; Vol. 23, no. 1 (1989): p. [19]-27.

339. Moffitt, C. M.; Bjornn, T. C. Protection of chinook salmon smolts with oral doses of erythromycin against acute challenges of Renibacterium salmoninarum. Journal of aquatic animal health; Vol. 1, no. 3 (Sept. 1989): p. 227-232.

340. Tyus, H. M.; Beard, J. M. Esox lucius (Esocidae) and Stizostedion vitreum (Percidae) in the Green River basin, Colorado and Utah. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 33-39.

341. Van Deventer, J. S.; Platts, W. S. Microcomputer software system for generating population statistics from electrofishing data : user's guide for MicroFish 3.0. Ogden, Utah: Intermountain Research Station; 1989: 29 p. (General technical report INT; v. 254).

114. WILDLIFE MANAGEMENT

342. Baird, K. High quality restoration of riparian ecosystems. Restoration & management notes; Vol. 7, no. 2 (winter 1989): p. 60-64.

343. Bosakowski, T.; Kane, R.; Smith, D. G. Decline of the long-eared owl in New Jersey. Wilson bulletin; Vol. 101, no. 3 (Sept. 1989): p. 481-485.

344. Carlquist, B. An effective management plan for the exotic mountain goats in Olympic National Park. Natural areas journal; Vol. 10, no. 1 (Jan. 1990): p. 12-18.

345. Cohn, J. P. Genetics for wildlife conservation. Bioscience; Vol. 40, no. 3 (Mar. 1990): p. 167-168, 170-171.

346. Dickson, T. Continent-wide plan to restore ducks. Minnesota volunteer; Vol. 51, no. 301 (Nov./Dec. 1988): p. 3-8.

347. Emergency action taken to protect the desert tortoise. Endangered species technical bulletin; Vol.14, nos. 9/10 (Sept./Oct. 1989): p. 1, 5-6.

348. Endangered species in the wake of Hurricane Hugo. Endangered species technical bulletin; Vol.14, nos. 9/10 (Sept./Oct. 1989): p. 3, 6-7.

349. Evans, R. Managing for quail in southern woodlands. Forest farmer; Vol. 48, no. 8 (June 1989): p. 12-14.

350. Fletcher, C. R. Wildlife habitat on the rocks. Forestry research west; (Apr. 1990): p. 1-3.

351. Giles, R. H.; Nielsen, L. A. A new focus for wildlife resource managers. Journal of forestry; Vol. 88, no. 3 (Mar. 1990): p. 21-26.

352. Harris, R. B.; Allendorf, F. W. Genetically effective population size of large mammals : an assessment of estimators. Conservation biology; Vol. 3, no. 2 (June 1989): p. 181-191.

353. Hickman, S. Evidence of edge species attraction to nature trails within deciduous forest. Natural areas journal; Vol. 10, no. 1 (Jan. 1990): p. 3-5.

354. Houston, D. B. Elk in Olympic National Park : will they persist over time? Natural areas journal; Vol. 10, no. 1 (Jan. 1990): p. 6-11.

356. Hutchinson, J. G. Beavers once helped settle America : now they unsettle land managers. Minnesota forests; (summer 1989): p. 6-7, 17.

357. Hutto, R. L. The effect of habitat alteration on migratory land birds in a west Mexican tropical deciduous forest : a conservation perspective. Conservation biology; Vol. 3, no. 2 (June 1989): p. 138-148.

359. King, M. M. Wildlife : a valuable commodity for forest landowners. Forest farmer; Vol. 48, no. 8 (June 1989): p. 6-8.

360. Mech, L. D. Stubborn hunter in a harsh land. National wildlife; Vol. 27, no. 5 (Aug./Sept. 1989): p. [20]-24.

361. Mittlehauser, G.; Hazen, J. Monitoring harlequin ducks at Acadia. Park science; Vol. 10, no. 1 (winter 1990): p. 18.

362. Murphy, D. D. Conservation and confusion : wrong species, wrong scale, wrong conclusions. Conservation biology; Vol. 3, no. 1 (Mar. 1989): p. 82-84.

363. Ports, M. A.; George, S. B. Sorex preblei in the northern Great Basin. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 93-95.

364. Rees, M. D. Aleutian Canada goose proposed for reclassification. Endangered species technical bulletin; Vol.14, nos. 11/12 (Nov./Dec. 1989): p. 8-9.

365. Robinson, S. K.; Wilcove, D. S. Conserving tropical raptors and game birds. Conservation biology; Vol. 3, no. 2 (June 1989): p. 192-193.

366. The Rogue hunters. Environment update; Vol. 9, no. 2 (Dec. 1989): p. 13-15.

367. Senner, S. E. Hawk Mountain Sanctuary Association, Pennsylvania. American birds; Vol. 43, no. 2 (summer 1989): p. 248-253.

368. Spiesberger, J. L.; Fristrup, K. M. Passive localization of calling animals and sensing of their acoustic environment using acoustic tomography. American naturalist; Vol. 135, no. 1 (Jan. 1990): p. [107]-153.

370. Wilkinson, T. Tenuous hold for trumpeters? Defenders; Vol. 65, no. 2 (Mar./Apr. 1990): p. 10-16.

120. RANGE MANAGEMENT

372. Acharya, S. N. Germination response of two alpine grasses from the Rocky Mountains of Alberta. Canadian journal of plant science; Vol. 69, no. 4 (Oct. 1989): p. 1165-1177.

373. Anderson, E. W.; Franzen, D. L.; Melland, J. E. Rx grazing to benefit watershed-wildlife-livestock. Rangelands; Vol. 12, no. 2 (Apr. 1990): p. 105-111.

374. Angell, R. F.; Miller, R. F.; Haferkamp, M. R. Variability of crude protein in crested wheatgrass at defined stages of phenology. Journal of range management; Vol. 43, no. 3 (May 1990): p. 186-189.

375. Bailey, A. W.; Irving, B. D.; Fitzgerald, R. D. Regeneration of woody species following burning and grazing in Aspen Parkland. Journal of range management; Vol. 43, no. 3 (May 1990): p. 212-215.

376. Berdahl, J. D.; Hewitt, G. B.; Miller, R. H. Recurrent phenotypic selection for low grasshopper food preference in rangeland alfalfa. Journal of range management; Vol. 43, no. 3 (May 1990): p. 216-219.

377. Berg, W. A. Old world bluestem responses to nitrogen fertilization. Journal of range management; Vol. 43, no. 3 (May 1990): p. 265-270.

378. Bernardo, D. J.; Engle, D. M. The effect of manager risk attitudes on range improvement decisions. Journal of range management; Vol. 43, no. 3 (May 1990): p. 242-249.

379. Bidwell, T. G.; Engle, D. M.; Claypool, P. L. Effects of spring headfires and backfires on tallgrass prairie. Journal

of range management; Vol. 43, no. 3 (May 1990): p. 209-212.

380. Boe, A. Variability for seed size and yield in two tall dropseed populations. Journal of range management; Vol. 43, no. 3 (May 1990): p. 195-197.

381. Bokhari, U. G.; Alyaeesh, F.; Noori, M. A. Nutritional characteristics of important desert grasses in Saudi Arabia. Journal of range management; Vol. 43, no. 3 (May 1990): p. 202-204.

382. Frank, A. B.; Ries, R. E. Effect of soil water, nitrogen, and growing degree-days on morphological development of crested and western wheatgrass. Journal of range management; Vol. 43, no. 3 (May 1990): p. 257-260.

383. Gutknecht, K. W.; Smith, J. Ingenious forages for inhospitable rangelands. Utah science; Vol. 50, no. 4 (winter 1989): p. 173-175.

384. Johnsen, T. N.; Dalen, R. S. Managing individual juniper and pinyon infestations with pelleted tebuthiuron or picloram. Journal of range management; Vol. 43, no. 3 (May 1990): p. 249-252.

385. Johnson, K. L. Rangeland resources of Utah. Logan, Utah: Cooperative Extension Service, Utah State University; 1989: vi, 103 p.

386. Marsh, N. "Prescription grazing", an overdue concept. Rangelands; Vol. 12, no. 2 (Apr. 1990): p. 101-102.

387. Miller, R. F.; Haferkamp, M. R.; Angell, R. F. Clipping date effects on soil water and regrowth in crested wheatgrass. Journal of range management; Vol. 43, no. 3 (May 1990): p. 253-257.

388. Moore, R. M.; Williams, J. D.; Nicholls, A. O. Competition between Trifolium subterraneum L. and established seedlings of Hypericum perforatum L. var. angustifolium DC. Australian journal of agricultural research; Vol. 40, no. 5 (1989): p. 1015-1025.

389. Morgan, D. R.; Booth, D. T. Sodium concentration in germination blotters. Journal of range management; Vol. 43, no. 3 (May 1990): p. 276.

390. Motazedian, J.; Sharrow, S. H. Defoliation frequency and intensity effects on pasture forage quality. Journal of range management; Vol. 43, no. 3 (May 1990): p. 198-201.

391. Pfister, J. A.; Balph, D. F.; Muller-Schwarze, D. Effects of predator fecal odors on feed selection by sheep and cattle. Journal of chemical ecology; Vol. 16, no. 2 (Feb. 1990): p. 573-583.

392. Reynolds, F. The challenge of restoring native ranges. Forestry research west; (Apr. 1990): p. 8-11.

393. Rhodes, B. D. Effect of grazing by sheep on the quantity and quality of forage available to big game in Oregon's Coast Range . Journal of range management; Vol. 43, no. 3 (May 1990): p. 235-237.

394. Smith, J. Drought may increase danger from some poisonous plants. Utah science; Vol. 50, no. 4 (winter 1989): p. 148-152.

395. Volesky, J. D.; Currie, P. O.; Lacey, J. R. Comparison of two drills for interseeding rangeland. Montana agresearch; Vol. 7, no. 1 (winter 1990): p. 18-22.

396. Voorhees, M. E. Forage quality of rillscale (Atriplex suckleyi) grown on amended bentonite mine spoil. Great Basin naturalist; Vol. 50, no. 1 (Mar. 1990): p. 57-62.

397. Wester, W. P. Prescribed grazing. Rangelands; Vol. 12, no. 2 (Apr. 1990): p. 103-104.

398. Whisenant, S. G.; Uresk, D. W. Spring burning Japanese brome in a western wheatgrass community. Journal of range management; Vol. 43, no. 3 (May 1990): p. 205-208.

399. White, L. M. Mefluidide effect on caucasian bluestem leaves, stems, forage yield, and quality. Journal of range management; Vol. 43, no. 3 (May 1990): p. 190-194.

400. Wilkins, D. E.; Haferkamp, M. R.; Ganskopp, D. C. Power requirements of an imprinter and rangeland drill. Journal of range management; Vol. 43, no. 3 (May 1990): p. 274-275.

130. LAND USE

402. Allen, C.; Lissoway, J.; Yarborough, K. Landscape ecology : a concept for protecting park resources. Park science; Vol. 10, no. 1 (winter 1990): p. 7-8.

406. Gutknecht, K. W. Xeriscaping : an alternative to thirsty landscapes. Utah science; Vol. 50, no. 4 (winter 1989): p. 142-146.

407. Jordan, W. R. Restoration at Walden Pond. Restoration & management notes; Vol. 7, no. 2 (winter 1989): p. 65-69.

410. Mohlenbrock, R. H. Medicine Mountain, Wyoming. Natural history; Vol. 90, no. 1 (Jan. 1990): p. [24]-27.

411. O'Callaghan, D. P. Remedial tree work--a long term

investment : a long term project. Arboricultural journal; Vol. 13, no. 4 (1989): p. 303-311.

413. Schulhof, R. Public perceptions of native vegetation. Restoration & management notes; Vol. 7, no. 2 (winter 1989): p. 69-72.

414. Steinhart, P. Desert folly, desert hopes. Defenders; Vol. 65, no. 1 (Jan./Feb. 1990): p. 10-31.

140. FOREST RECREATION

416. Bark, K. Easy access with trail partners. Parks & recreation; Vol. 24, no. 12 (Dec. 1989): p. [22]-[26].

417. Bockstael, N. E. Sample selection bias in the estimation of recreation demand functions : an application to sportfishing. Land economics; Vol. 66, no. 1 (Feb. 1990): p. [40]-49.

418. Champigny, D. Timberline Lodge : the warmth of wood. Journal of interpretation; Vol. 14, no. 2 (1990): p. S11-S12.

419. Dean, S. In search of the kissing tunnel. Signpost; Vol. 25, no. 2 (Feb. 1990): p. 21-25.

420. Ellard, A.; Cundiff, L. How to plan a safe exercise program. Parks & recreation; Vol. 24, no. 8 (Aug. 1989): p. [44]-46, 53.

421. Ellis, G. D.; Williams, D. R.; Harwell, W. R. Effect of policy and experience preference based expectations on a simulated wilderness experience. Journal of leisure research; Vol. 21, no. 3 (1989): p. 254-268.

422. Fege, A. S.; Corrigall, K. H. The enduring resource of wilderness. Journal of forestry; Vol. 88, no. 3 (Mar. 1990): p. 27-29, 39.

423. Forster, B. A. Valuing outdoor recreational activity : methodological survey. Journal of leisure research; Vol. 21, no. 3 (1989): p. 181-201.

424. Hammitt, W. E.; Knauf, L. R.; Noe, F. P. A comparison of user vs researcher determined level of past experience on recreation preference. Journal of leisure research; Vol. 21, no. 3 (1989): p. 202-213.

425. Heid, J. Interpretation of cultural resources on the Nez Perce National Forest : a trip through time. Journal of interpretation; Vol. 14, no. 2 (1990): p. S13-S15.

426. Herford, I. The use of mass visitor transport systems to manage peak usage days. Australian parks & recreation; Vol. 25, no. 4 (summer 1989): p. 7-11.

427. Hoecker, S. Partnerships in interpretation; could it work for for you? Journal of interpretation; Vol. 14, no. 2 (1990): p. S16-S17.

429. Jackson, J. Birdwatching : a nonconsumptive wildlife enterprise . Forest farmer; Vol. 48, no. 8 (June 1989): p. 9.

430. Jackson, J. J. Hunting enterprises for forest farmers. Forest farmer; Vol. 48, no. 9 (July/Aug. 1989): p. 24, 28.

431. Kauffman, R. B. Recognizing the accident chain. Parks & recreation; Vol. 24, no. 9 (Sept. 1989): p. 68-73.

432. Keyser, J. D. Tsagiglalal--She Who Watches : rock art as an interpretable phenomenon. Journal of interpretation; Vol. 14, no. 2 (1990): p. S1-S4.

433. Kiernan, K. Issues in cave and karst management. Australian parks & recreation; Vol. 25, no. 4 (summer 1989): p. 28-31.

434. King, J.; Richards, V.; Gregg, M. The wonder of A.D. Barnes Park. Parks & recreation; Vol. 24, no. 12 (Dec. 1989): p. [34]-39.

435. Knibb, D. Chikamin's future under study. Signpost; Vol. 25, no. 1 (Jan. 1990): p. [16]-17.

436. Landers, C. Volkssporting : the sport for everyone. Parks & recreation; Vol. 24, no. 8 (Aug. 1989): p. 38-41.

437. Magill, A. W.; Schwarz, C. F. Searching for the value of a view. Berkeley, Calif: Pacific Southwest Forest and Range Experiment Station; 1989: ii, 9 p. (Research paper PSW; v. 193).

438. Mark, Q. Bowerman Barn interpretation and historic archaeology project. Journal of interpretation; Vol. 14, no. 2 (1990): p. S5-S10.

439. Momich, P. The mystery of Blanchard Springs Caverns. Journal of interpretation; Vol. 14, no. 2 (1990): p. S18.

440. Osborne, R. A. L. Caves as geological heritage. Australian parks & recreation; Vol. 25, no. 4 (summer 1989): p. 33-36.

441. Redman, S.; Preo, L. S.; Brown, L. The facts & fiction of fitness. Parks & recreation; Vol. 24, no. 8 (Aug. 1989): p. 22-27.

442. Reed, P. C.; Haas, G. E. Off highway vehicles in Colorado estimated recreational use and expenditures. Fort Collins, Colo: Colorado State University; 1989: [13] leaves.

443. Risk, P. Death, suffering, predation, animal rights and

interpretation. Journal of interpretation; Vol. 14, no. 1 (1990): p. R12-R15.

444. See, R. Information needs of local government in recreation and tourism planning . Australian parks & recreation; Vol. 25, no. 4 (summer 1989): p. 15-18.

445. Spring, I. Bearpaw & Church Lakes. Signpost; Vol. 25, no. 2 (Feb. 1990): p. [26]-27.

446. Strassman, J. A.; Ham, S. H. Interpreting controversial species : a case study and principles. Journal of interpretation; Vol. 14, no. 2 (1990): p. S7-S9.

447. Sykes, K. Elowah Falls and Multnomah Creek--Columbia Gorge, Oregon . Signpost; Vol. 25, no. 2 (Feb. 1990): p. [28]-29.

448. Sykes, K. Timberline Trail--Mount Hood, Oregon. Signpost; Vol. 25, no. 1 (Jan. 1990): p. 29-[30].

449. Trotter, R. T. Ethnographic research at Wupatki National Monument : a new tool for interpretation. Journal of interpretation; Vol. 14, no. 1 (1990): p. R1-R6.

450. Vander Stoep, G. A. What direction interpretation? : results of 1987 interpreter's workshop nominal group session. Journal of interpretation; Vol. 14, no. 1 (1990): p. R7-R11.

451. White, C. A corporate trend : working body and mind. Parks & recreation; Vol. 24, no. 8 (Aug. 1989): P. 28-32.

220. FOREST PRODUCTS ENGINEERING

461. Resch, H.; Kang, H.; Hoag, M. L. Drying Douglas-fir lumber : a computer simulation. Wood and fiber science; Vol. 21, no. 3 (July 1989): p. [207]-218.

462. Ruddell, S.; Huber, H. A.; Klinkhachorn, P. A comparison of two roughmill cutting models. Forest products journal; Vol. 40, no. 5 (May 1990): p. 27-30.

463. Schneider, M. H.; Kipping, J. E. Modeling forced-air drying of particulate wood fuels. Forest products journal; Vol. 40, no. 5 (May 1990): p. 47-51.

230. WOOD PROPERTIES

467. Choong, E. T.; Tesoro, F. O. Relationship of capillary pressure and water saturation in wood. Wood science and technology; Vol. 23, no. 2 (1989): p. [139]-150.

468. Green, D. W.; Evans, J. W.; Kretschmann, D. E. Moisture content and tensile strength of Douglas fir dimension lumber. [Madison, Wis.]: U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory; 1990: 33 p. (Research paper FPL; v. RP-497).

469. Lam, F.; Varoglu, E. Effect of length on the tensile strength of lumber. Forest products journal; Vol. 40, no. 5 (May 1990): p. 37-42.

470. Put, T. A. C. M. van der. Theoretical explanation of the mechano-sorptive effect in wood. Wood and fiber science; Vol. 21, no. 3 (July 1989): p. [219]-230.

300. OTHER TOPICS

484. Bierma, T. J. Radon risk factors : evaluating the health implications of home exposure. Journal of environmental health; Vol. 51, no. 5 (May/June 1989): p. 277-278, 280-281.

485. Cohen-Mansfield, J. Employment and volunteering roles for the elderly : characteristics, attributions, and strategies. Journal of leisure research; Vol. 21, no. 3 (1989): p. 214-227.

MANAGEMENT ALERT Section

Monthly Alert's Management Alert section appears in this publication on a bi-monthly basis or every other month. Look for the " box " on the front cover as our signal to you that a Management Alert section is available.

Subject coverage of the Management Alert generally will touch on the following topics.

Administration
Applied Psychology
Civil Rights Personnel
Communication Systems
Creativity
Decision Sciences
Environmental Issues
Fiscal and Accounting Management
Human Resources Management
Job Satisfaction
Legislative Issues
Management in Complex Organizations
Office Equipment and Services
Management
Policy Planning
Program Management
Public Administration
Public Relations
Research Management
Statistics
Tests and Measurement

This information should be of great interest to all levels of administrators, supervisors, managers, etc.

To order documents from the Management Alert section, write the letter " M " and the number (ex. M20) on the regular blue request form. It is important to include the letter " M " along with the assigned number so that it can be distinguished from the numbered items in the regular ***Monthly Alert***.

M01. Conquer your fear of meeting new people. Working Smart: 3. June 15, 1990.

M02. Effective listening and speaking skills. Journal of Forestry, 88(7): 48. July 1990.

M03. Etiquette for the changing workplace. Executive Edge, 21(7): 1, 12-13. July 1990.

M04. Exercise for life! Your Health & Safety, 12(4): 6-9. August/September 1990.

M05. Play and win the boss's game. Working Smart: 1-2. June 15, 1990.

M06. Quit? Never! The Office Professional, 10(6): 1-3, June 15, 1990.

M07. Try creativity teams. The Office Professional, 10(7): 1-3. July 15, 1990.

M08. Twelve ways managers can cut costs now. Working Smart: 3. August 1, 1990.

M09. Worries, cares, fears...getting it all together. Your Health & Safety, 12(4): 20-21. August/September 1990.

M10. Writing a speech? Don't forget the humor. Working Smart: 4. August 1, 1990.

M11. Akin, Gib; David Lee.
Supervisory training in a new key. Business, 40(1): 51-55. January-March 1990.

M12. Archer, Earnest R.
Things you lose the right to do when you become a manager. Supervisory Management, 35(7): 8-9. July 1990.

M13. Barker, Randolph T.; C. Glenn Pearch.
The importance of proxemics at work. Supervisory Management, 35(7): 10-11. July 1990.

M14. Bettendorf, Robert F.
Curing the new ills of technology. HR Magazine, 35(3): 35-36. March 1990.

M15. Brown, Mark Graham.
Improving performance appraisal. Performance & Instruction, 28: 26-29. November/December 1989.

M16. Buhler, Pat.
What attributes does the better manager possess? Supervision, 50(7): 8-10. July 1989.

M17. Choplick, Jim, Jr.
Psssssssssssst! The buzzword for effective listening is concentration. Business Credit, 92(2): 10. February/March 1990.

M18. Cornfield, Susan E.
Listen, don't talk. The Secretary, 49: 23-24. November/December 1989.

M19. Dawson, Kenneth M.; Sheryl N. Dawson.
How to motivate your employees. HR Magazine, 35(4): 78-80. April 1990.

M20. Dickson, Charles.
Are you sabotaging your chances for success? The Toastmaster, 56(7): 20-21. July 1990.

M21. Eastman, Martin.
What does it take to change unsafe behavior? Safety & Health, 142(7): 60-63. July 1990.

M22. English, Gary.
How about a good word for meetings? Management Review, 79(6): 58-60. June 1990.

M23. Gliner, Art.
Your world championship speech. The Toastmaster, 56(7): 6-7. July 1990.

M24. Grassell, Milt.
How to supervise difficult employees. Supervision, 50(7): 3-4, 23. July 1989.

M25. Grensing, Lin.
Becoming a success as a new manager. Office Systems '90, 7(5): 88, 90. May 1990.

M26. Grensing, Lin.
Remedy for a failing memory. The Toastmaster, 56(7): 14-15. July 1990.

M27. Hart, Roger.
Power for office devices protection. Office Systems '90, 7(5): 80, 82, 84, 86. May 1990.

M28. Hyman, Michael R.; Robert Skipper; Richard Tansey.
Ethical codes are not enough. Business Horizons, 33(2): 15-22. March/April 1990.

M29. Jennings, Ken; Melissa Clapp.
A managerial tightrope: balancing harassed and harassing employees' rights in sexual discrimination cases. Labor Law Journal, 40: 756-764. December 1989.

M30. Karlins, Marvin; Edyth Hargis.
Don't find one of these managers in your mirror. Supervisory Management 35(7): 1-2. July 1990.

M31. Kennedy, James J.; Brett B. Roper.
The role of mentoring in early career development of Forest Service fisheries biologists. Fisheries, 15(3): 9-13. May-June 1990.

M32. Kirkpatrick, David.
Is your career on track? Fortune, 122(1): 38-41, 44, 48. July 2, 1990.

M33. Lane, James H.
Building your own network. Computerland, 24(23): 106. June 4, 1990.

M34. Lapierre, Laurent.
Mourning, potency, and power in management. Human Resource Management, 28(2): 177-189. Summer 1989.

M35. Lindsey, Ruth; Douglas D. Gorrie.
How you can keep in shape in the office environment. Office Systems, 8(6): 16, 20. June 1990.

M36. Markowich, M. Michael.
Managing employees who have influential friends. Personnel Journal, 69(6): 116, 118, 120. June 1990.

M37. Matthews, Karen A.; Judith Rodin.
Women's changing work roles. American Psychologist, 44(11): 1389-1393. November 1989.

M38. McGee, Lynne F.
How to not get burned by consultants. HR Magazine, 35(1): 26-29. January 1990.

M39. McThomas, David W.
Management of an accounting practice. CPA Journal, 60(1): 81-83. January 1990.

M40. Montalbo, Thomas.
A speaker's magic number. The Toastmaster, 56(6): 4-5. June 1990.

M41. Overman, Stephenie.
Prescriptions for a healthier office. HR Magazine, 35(2): 30-34. February 1990.

M42. Parachin, Victor M.
Gaining and retaining the leadership edge. The Toastmaster, 56(7): 16-18. July 1990.

M43. Perret, Gene.
Advice from the pros on doing humor. The Toastmaster, 56(6): 27. June 1990.

M44. Robson, Terrance.
What's the price of sick building syndrome? Safety and Health, 142(2): 46-49. August 1990.

M45. Rosen, Benson; Thomas H. Jerdee.
Retirement policies: evidence of the need for change. Human Resource Management, 28(1): 87-103. Spring 1989.

M46. Ruck, Dan.
Arm yourself against injury. Today's Supervisor, 54(3): 6-7. March 1990.

M47. Schneider, Benjamin; Andrea Marcus Konz.
Strategic job analysis. Human Resource Management, 28(1): 51-63. Spring 1989.

M48. Schumacher, Ann.
Open your ears and learn to listen. Safety & Health, 142(7F): 44-47. July 1990.

M49. Scordato, Christine; Julie Harris.
Workplace flexibility. HR Magazine, 35(1): 75-78. January 1990.

M50. Shepherd, John S.
Manage the five C's of stress. Personnel journal, 69(7): 64, 66, 68-69. July 1990.

M51. Sirkin, Harold; George Stalk, Jr.
Fix the process, not the problem. Harvard Business Review, 68(4): 26-28, 30, 32-33. July-August 1990.

M52. St. John, Walter D.
Profit from criticism [Communication]. Personnel Journal, 30, 33-34. July 1990.

M53. Stoner, Charles R.; Richard I. Hartman.
Family responsibilities and career progress: the good, the bad, and the ugly. Business Horizons, 33(3): 7-14. May/June 1990.

M54. Stringer, Donna M.
The power and reasons behind sexual harassment: an employer's guide to solutions. Public Personnel Management, 19(1): 43-52. Spring 1990.

M55. Strob, Linda K.; Anne H. Reilly; Jeanne M. Brett.
New trends in relocation. HR Magazine, 35(2): 42-44. February 1990.

M56. Vogel, Christine.
Cooperate for a safe workplace. Today's Supervisor, 54(7): 4-5. July 1990.

M57. Young, Scott T.
The crisis in the morgue. Business Horizons, 33(2): 43-47. March/April 1990.

M58. Zeitlin, Allan.
Hear today, gone tomorrow. Today's Supervisor, 54(7): 8-9. July 1990.

BLM Library
RECENT ADDITIONS
Book List

Recent Additions Book List is a monthly listing of book titles that have recently been added to the BLM Library collection and are available for loan via the ***Monthly Alert*** order form. Each list is arranged by various subject headings in alphabetical order and shows author, title and date. Each title will be assigned a specific "R" number for ordering purposes. This "R" number is the order number that should be entered onto the ***Monthly Alert*** request form. Note that a title may be listed more than once due to the various subject headings assigned to it.

SAMPLE CITATION

Subject Heading **Title of Book**

R1. ACID DEPOSITION—CANADA
Pawlick, Thomas. A killing rain: The global threat of acid precipitation.
San Francisco: Sierra Club Books, c1984.
TD196.A25P38 1984

Order Number

TO REQUEST MATERIALS: Write the order number (ex. R1) on the regular blue request form. No other information is necessary. It is important to include the letter "R" along with the assigned number so that it can be distinguished from the numbered items in the regular Monthly Alert.

LOAN PERIOD: Reserve lists will be created for each title requested and the books will be loaned to those on the lists for a period of two weeks. If you need any item on a rush basis, please call the BLM Library on FTS 776-6648 or 303/236-6648 to make special arrangements.

ORDERING INFORMATION: Contact us for ordering information if you would like to purchase any of the books listed.

AMUSEMENTS.
Forbess-Greene, Sue. The encyclopedia of icebreakers : structured
R1 activities that warm-up, motivate, challenge, acquaint, and energize.
San Diego, Ca. : University Associates, c1983.
GV1201 .F597 1983

ARTEMISIA--BIBLIOGRAPHY.
Tisdale, E. W. The Sagebrush-grass region : a review of the ecological
R2 literature. Moscow, Idaho : Forest, Wildlife, and Range Experiment
Station, University of Idaho, 1981.
QK133 .T572 1981

ATTITUDE (PSYCHOLOGY)--TESTING.
Henerson, Marlene E. How to measure attitudes. 2nd ed. Newbury Park,
R3 Calif. : Sage Publications, c1987.
BF327 .H464 1987

BOTANY--ECOLOGY--BIBLIOGRAPHY.
Tisdale, E. W. The Sagebrush-grass region : a review of the ecological
R2 literature. Moscow, Idaho : Forest, Wildlife, and Range Experiment
Station, University of Idaho, 1981.
QK133 .T572 1981

CIVIL SERVICE--U. S.
Civilian personnel law manual : introduction. 2nd ed. [Washington, D.C.] :
R4 Office of General Counsel, U.S. General Accounting Office : [For sale by the
Supt. of Docs., U.S. G.P.O.], 1983.
KF5370 .A812 1983

COAL MINES AND MINING--ECONOMIC ASPECTS--POWDER RIVER REGION.
U. S. Bureau of Land Management. Miles City District. Economic, social and
R5 cultural supplement : Powder River I regional EIS : final. [Miles City,
Mont.] : The Office, 1990.
TD195.C58 M543 1990

COAL MINES AND MINING--ENVIRONMENTAL ASPECTS--POWDER RIVER REGION.
U. S. Bureau of Land Management. Miles City District. Economic, social and
R5 cultural supplement : Powder River I regional EIS : final. [Miles City,
Mont.] : The Office, 1990.
TD195.C58 M543 1990

COAL MINES AND MINING--SOCIAL ASPECTS--POWDER RIVER REGION.
U. S. Bureau of Land Management. Miles City District. Economic, social and
R5 cultural supplement : Powder River I regional EIS : final. [Miles City,
Mont.] : The Office, 1990.
TD195.C58 M543 1990

COMMUNICATION IN THE SOCIAL SCIENCES.
Morris, Lynn Lyons. How to communicate evaluation findings. 2nd ed.
R6 Newbury Park, Calif. : Sage Publications, c1987.
H62 .M648 1987

DESIGN--SOCIAL ASPECTS.
Advances in environment, behavior, and design. New York : Plenum Press,
R7 c1987-
HM206 .A292 1987

EDUCATIONAL EVALUATION--U. S.--PLANNING.
Fitz-Gibbon, Carol Taylor. How to design a program evaluation. 2nd ed.
R8 Newbury Park, Calif. : Sage Publications, c1987.
LB2822.75 .F579 1987

EDUCATIONAL SURVEYS--U. S.--PLANNING.
Fitz-Gibbon, Carol Taylor. How to design a program evaluation. 2nd ed.
R8 Newbury Park, Calif. : Sage Publications, c1987.
LB2822.75 .F579 1987

ENVIRONMENTAL PSYCHOLOGY.
Advances in environment, behavior, and design. New York : Plenum Press,
R7 c1987-
HM206 .A292 1987

EVALUATION RESEARCH (SOCIAL ACTION PROGRAMS).
Fitz-Gibbon, Carol Taylor. How to analyze data. 2nd ed. Newbury Park,
R8 Calif. : Sage Publications, c1987.
H62 .F446 1987

Herman, Joan L. Evaluator's handbook. 2nd ed. Newbury Park, Calif. :
R9 Sage Publications, c1987.
H61 .H455 1987

King, Jean A. How to assess program implementation. 2nd ed. Newbury
R10 Park, Calif. : Sage Publications, c1987.
H61 .K545 1987

Morris, Lynn Lyons. How to communicate evaluation findings. 2nd ed.
R6 Newbury Park, Calif. : Sage Publications, c1987.
H62 .M648 1987

Morris, Lynn Lyons. How to measure performance and use tests. 2nd ed.
R11 Newbury Park, Calif. : Sage Publications, c1987.
H61 .M615 1987

Patton, Michael Quinn. How to use qualitative methods in evaluation. 2nd
R12 ed. Newbury Park, Calif. : Sage Publications, c1987.
H62 .P3216 1987

Stecher, Brian M. How to focus an evaluation. 2nd ed. Newbury Park,
R13 Calif. : Sage Publications, c1987.
H61 .S825 1987

FIRE ECOLOGY--WEST (U.S.)--CONGRESSES.
Prescribed fire in the intermountain region : forest site preparation and
R14 range improvement : symposium proceedings. [Pullman, Wash. : Washington
State University, Cooperative Extension, 1989].
SD421.45.P7 P737 1989

FOREST MANAGEMENT--WEST (U.S.)--CONGRESSES.
Prescribed fire in the intermountain region : forest site preparation and
R14 range improvement : symposium proceedings. [Pullman, Wash. : Washington
State University, Cooperative Extension, 1989].
SD421.45.P7 P737 1989

GAMES.
Forbess-Greene, Sue. The encyclopedia of icebreakers : structured
R1 activities that warm-up, motivate, challenge, acquaint, and energize.
San Diego, Ca. : University Associates, c1983.
GV1201 .F597 1983

GRASSES--BIBLIOGRAPHY.
Tisdale, E. W. The Sagebrush-grass region : a review of the ecological
R2 literature. Moscow, Idaho : Forest, Wildlife, and Range Experiment
Station, University of Idaho, 1981.
QK133 .T572 1981

GRASSLANDS--IDAHO.
Tisdale, E. W. Canyon grasslands and associated shrublands of west-central
R15 Idaho and adjacent areas. Moscow, Idaho : Forest, Wildlife and Range
Experiment Station, University of Idaho, 1986.
QK938.P7 T572 1986

GRASSLANDS--WASHINGTON (STATE).
Tisdale, E. W. Canyon grasslands and associated shrublands of west-central
R15 Idaho and adjacent areas. Moscow, Idaho : Forest, Wildlife and Range
Experiment Station, University of Idaho, 1986.
QK938.P7 T572 1986

GROUP RELATIONS TRAINING--HANDBOOKS, MANUALS, ETC.
The Encyclopedia of group activities : 150 practical designs for successful
R16 facilitating. San Diego, Calif. : University Associates, c1989.
HM134 .E536 1989

GROUP RELATIONS TRAINING--PROBLEMS, EXERCISES, ETC.--HANDBOOKS, MANUALS, ETC.
The Encyclopedia of group activities : 150 practical designs for successful
R16 facilitating. San Diego, Calif. : University Associates, c1989.
HM134 .E536 1989

HAZARDOUS SUBSTANCES--DICTIONARIES.
Coleman, Ronny J. Hazardous materials dictionary. Lancaster, Pa. :
R17 Technomic Pub. Co., c1988.
T55.3.H3 C645 1988

HAZARDOUS WASTE SITES--LAW AND LEGISLATION--U. S.
NGA-NAAG Task Force on Federal Facilities. From crisis to commitment :
environmental cleanup and compliance at Federal facilities : report.
R18 [Washington, D.C.] : National Governor's Association : National Association
of Attorneys General, c1990.
KF3946.Z9 N42 1990

HUMAN-COMPUTER INTERACTION.
Handbook of human-computer interaction. Amsterdam ; New York : North-
Holland ; New York, N.Y., U.S.A. : Sole distributors for the U.S.A. and
R19 Canada, Elsevier Science Pub. Co., 1988.
QA76.9.H85 H362 1988

INDIANS OF NORTH AMERICA--MONTANA--ECONOMIC CONDITIONS.
U. S. Bureau of Land Management. Miles City District. Economic, social and
R5 cultural supplement : Powder River I regional EIS : final. [Miles City,
Mont.] : The Office, 1990.
TD195.C58 M543 1990

INDIANS OF NORTH AMERICA--MONTANA--SOCIAL CONDITIONS.
U. S. Bureau of Land Management. Miles City District. Economic, social and
R5 cultural supplement : Powder River I regional EIS : final. [Miles City,
Mont.] : The Office, 1990.
TD195.C58 M543 1990

MAN--INFLUENCE OF ENVIRONMENT.
Advances in environment, behavior, and design. New York : Plenum Press,
R7 c1987-
HM206 .A292 1987

MINING CLAIMS--CALIFORNIA.
Patenting mining claims and mill sites in California. Sacramento, Calif. :
R20 Bureau of Land Management, California State Office, 1990.
HD242 .P373 1990

MINING CLAIMS--U. S.
Digest of mining claim laws. 4th ed. Denver, Colo. : Rocky Mountain
R21 Mineral Law Foundation, c1990.
KF1820 .D534 1990

MINING CLAIMS--U. S.--STATES.
Digest of mining claim laws. 4th ed. Denver, Colo. : Rocky Mountain
R21 Mineral Law Foundation, c1990.
KF1820 .D534 1990

MINING LAW--CALIFORNIA.
Patenting mining claims and mill sites in California. Sacramento, Calif. :
R20 Bureau of Land Management, California State Office, 1990.
HD242 .P373 1990

PRESCRIBED BURNING--WEST (U.S.)--CONGRESSES.
Prescribed fire in the intermountain region : forest site preparation and
R14 range improvement : symposium proceedings. [Pullman, Wash. : Washington
State University, Cooperative Extension, 1989].
SD421.45.P7 P737 1989

RANGE MANAGEMENT--WEST (U.S.)--CONGRESSES.
Prescribed fire in the intermountain region : forest site preparation and
R14 range improvement : symposium proceedings. [Pullman, Wash. : Washington
State University, Cooperative Extension, 1989].
SD421.45.P7 P737 1989

RANGE PLANTS--BIBLIOGRAPHY.
Tisdale, E. W. The Sagebrush-grass region : a review of the ecological
R2 literature. Moscow, Idaho : Forest, Wildlife, and Range Experiment
Station, University of Idaho, 1981.
QK133 .T572 1981

RECLAMATION OF LAND--CONGRESSES.
Environmental restoration : science and strategies for restoring the Earth.
R22 Washington, D.C. : Island Press, c1990.
QH541.15.R45 E584 1990

RESTORATION ECOLOGY--CONGRESSES.
Environmental restoration : science and strategies for restoring the Earth.
RI Washington, D.C. : Island Press, c1990.
QH541.15.R45 E584 1990

SHRUBLANDS--IDAHO.
Tisdale, E. W. Canyon grasslands and associated shrublands of west-central
RI Idaho and adjacent areas. Moscow, Idaho : Forest, Wildlife and Range
Experiment Station, University of Idaho, 1986.
QK938.P7 T572 1986

SHRUBLANDS--WASHINGTON (STATE).
Tisdale, E. W. Canyon grasslands and associated shrublands of west-central
RI Idaho and adjacent areas. Moscow, Idaho : Forest, Wildlife and Range
Experiment Station, University of Idaho, 1986.
QK938.P7 T572 1986

SOCIAL INTERACTION.
Forbess-Greene, Sue. The encyclopedia of icebreakers : structured
RI activities that warm-up, motivate, challenge, acquaint, and energize.
San Diego, Ca. : University Associates, c1983.
GV1201 .F597 1983

SOCIAL SCIENCES--METHODOLOGY.
Patton, Michael Quinn. How to use qualitative methods in evaluation.
RI 2nd ed. Newbury Park, Calif. : Sage Publications, c1987.
H62 .P3216 1987

Step 1

Indicate here the date of this Monthly Alert:

JULY (Month) 1990 (Year)

Mark in the spaces below the number(s) of the item(s) you are requesting:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Please request no more than 20 items. These publications will be sent to you as RETENTION COPIES or as LIBRARY LOANS.

Step 2

Please read the Copyright information below and sign the provided statement. Your signature is needed under provisions of the new U.S. Copyright law.

NOTICE:
WARNING CONCERNING
COPYRIGHT RESTRICTIONS

- The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted material.
- Under certain conditions specified in the law libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that user may be liable for copyright infringement.
- This institution reserves the right to refuse to accept a copying order if, in its judgment, fulfillment of the order would involve violation of copyright law.

I accept responsibility for compliance should restrictions apply to documents I am requesting.

_____
(Signature)

Step 3

Fill in your name, organizational and unit name, and mailing address including zip code.

_____
Name (please print)

_____
Job Title

_____
Office Name and Location

_____
Mail Code

_____
Telephone (FTS if available)

***MONTHLY ALERT* items cannot be sent to home addresses.**

NOTICE

This issue expires 02/01/91 when ALERT numbers no longer apply. After the expiration date, give a full bibliographic citation when you ask for a publication.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BUILDING 50, DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, COLORADO 80225-0047

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF THE INTERIOR
INT 415

FIRST CLASS MAIL

BLM Library
Service Center, SC-324A
Building 50, Denver Federal Center
P.O. Box 25047
Denver, Colorado 80225-0047

END

DATE FILMED

09/20/91